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51298 7590 08/10/2005

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David W. Lynch (Depositor's name)
[Signature] (Signature)
November 7, 2005 (Date)

11/14/2005 MBELETE2 00000077 502587 10694036

01 FC:1501 1400.00 DA
02 FC:1504 300.00 DA
03 FC:8001 3.00 DA

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|-------------------------------|------------------|
| 10/694,036 | 10/27/2003 | Hardayal Singh Gill | HSJ920030081US1 (HITG.033) | 3875 |

TITLE OF INVENTION: METHOD AND APPARATUS FOR PROVIDING A SPIN VALVE TRANSISTOR WITH DIFFERENTIAL DETECTION

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$1700 | 11/10/2005 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|--------------------|----------|----------------|
| EVANS, JEFFERSON A | 2652 | 360-133000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Chambliss, Bahner & Stophel, P.C.
2 David W. Lynch
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE
Hitachi Global Storage Technologies
Netherlands B.V.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)
The Netherlands

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

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☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 1

4b. Payment of Fee(s):
☐ A check in the amount of the fee(s) is enclosed.
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5. Change in Entity Status (from status indicated above)
☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *[Signature]* Date November 7, 2005
Typed or printed name David W. Lynch Registration No. 36,204

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EVANS,

| | | | |
|-------------|---|-----------------|--------------|
| Applicant: | GILL | Examiner: | JEFFERSON A. |
| Serial No.: | 10/694,036 | Group Art Unit: | 2652 |
| Filed: | October 27, 2003 | Docket No. | HITG.033PA |
| Title: | METHOD AND APPARATUS FOR PROVIDING A SPIN VALVE TRANSISTOR WITH DIFFERENTIAL DETECTION | | |

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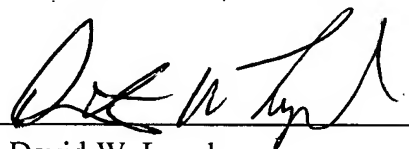
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- ☒ Transmittal Sheet
- ☒ Please charge Deposit Account No. 50-2587 (HSJ920030081US1) the amount of \$1,400 for the Issue Fee
- ☒ Part B-Issue Fee Transmittal.
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Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers.

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Two Union Square
Chattanooga, Tennessee 37402
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By: 
Name: David W. Lynch
Reg. No.: 36,204